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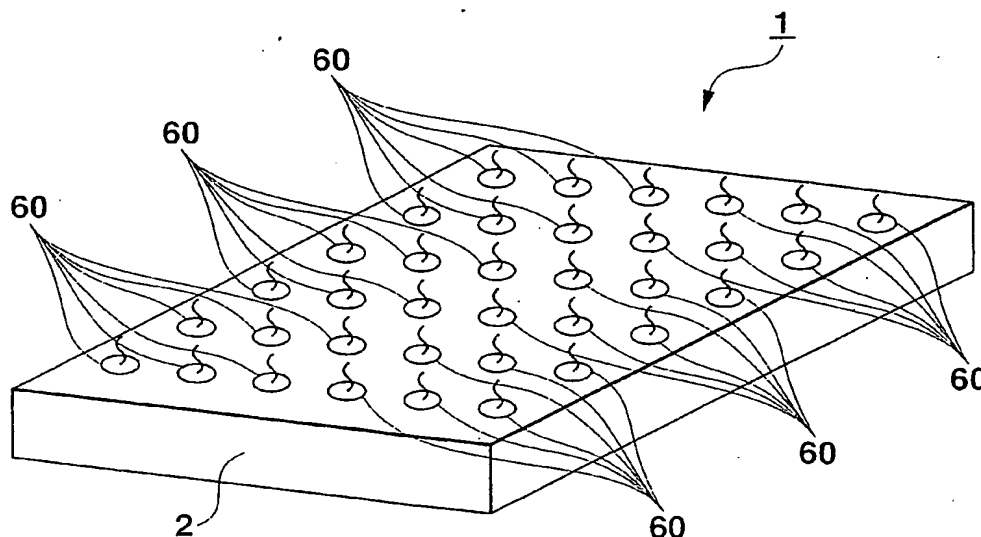
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- (71) Applicant (for all designated States except US): CA-SIO COMPUTER CO., LTD. [JP/JP]; 6-2, Hon-machi 1-chome, Shibuya-ku, Tokyo 151-8543 (JP).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): OGURA, Jun [JP/JP]; 1202, Fussa, Fussa-shi, Tokyo 197-0011 (JP). ISHIDA, Hideaki [JP/JP]; 23-3-1403, Naka-cho 1-chome, Musashino-shi, Tokyo 180-0006 (JP).
- (74) Agents: ARAFUNE, Hiroshi et al.; 5F, Nikko Kagurazaka Bldg., 18, Iwatocho, Shinjuku-ku, Tokyo 162-0832 (JP).
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(54) Title: OPTICAL DNA SENSOR, DNA READING APPARATUS, IDENTIFICATION METHOD OF DNA AND MANUFACTURING METHOD OF OPTICAL DNA SENSOR



(57) Abstract: The advantage is to provide a DNA reading apparatus which can sense fluorescence even if the sensitivity of a CCD image sensor or a photomul is low and can be constructed in a compact size. An optical DNA sensor having: a solid imaging device, and a plurality types of DNA probe each including nucleotide sequence and being arrayed and fixed on a surface of the solid imaging device.

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